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KURATOWSKA, Z.; LEWARTOWSKI, B.; MICHALAK, E.

Studies on the production of erythropoietin by the isolated hypoxic kidney. Bul Ac Pol biol 8 no.2:77-80 '60. (EEAI 10:4)

1. Laboratory of Clinical Biochemistry, Institute of Haematology, Warsaw and Laboratory of Human Physiology, School of Medicine, Warsaw Presented by F.Czubalski.

(ERYTHROPOIETIN)
(KIDNEYS)

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KURATOWSKA-LEWARTOWSKA, Zofia; MICHALAK, Eligia

Research on the humoral erythropoetic factor in erythremia. Polski tygod. lek. 13 no.35:1341-1344 1 Sept 58.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Hematologii; kierownik: doc. dr. E. Kowalski i z Zakladu Fizjologii Czlowieka Akademii Medycznej w Warszawie; k kierownik: prof. dr Fr. Czubalski. Warszawa, ul. Chocimska 5 Instytut Hematologii.

(POLYCYTHEMIA VERA, blood in
erythropoietic factor, assay in rats (Pol))
(ERYTHROCYTES
erythropoietic factor in blood of patients with polycythemia vera, assay in rats (Pol))

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MICHALAK, Brunon, inz.

Bathroom boilers with thermobimetallic safety device. Gaz woda techn sanit 37 no.8:265 Ag '63.

1. Construction Furniture and Plumbing Manufacture, Poznan.

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SULCEK, Z.; DOLEZAL, J.; MICHAL, Z.

Rapid analytic methods for metals and mineral raw materials. XII. Determination of traces of beryllium in mineral waters and mineral raw materials. Coll Cz chem 26 no.1:246-254 Ja '61.
(EEAI 10:9)

1. Zentralinstitut fur Geologie, Institut fur analytische Chemie, Karls-Universitat, und Institut fur Erzerforschung, Prag.

(Metals) (Beryllium) (Mineral waters)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

HEJHAL, L.; HEJHAL, J.; FIRT, P.; NICHAL, V.

Preventive administration of penicillin in surgical reconstruction of arteries. Rozhl. chir. 44 no.5:301-305 My'65.

1. Ustav klinicke a experimentalni chirurgie v Praze (reditel: prof. dr. B. Spacek, DrSc.).

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FIRT, P.; MIKHAL, V. [Michal, V.]; GEJGAL, L. [Hejgal, L.]

Reconstructive surgery in obliterating arteriosclerosis of the abdominal aorta and iliac arteries. Khirurgiia 40 no.7:[illegible] Jl '64. (MIRA [illegible])

1. Institut klinicheskoy i eksperimental'noy khirurgii [inst. - chlen-korrespondent Chekhoslovatskoy akademii nauk prof. B. Shpachek [Spacek, B.]), Praga.

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GEYNAL, Ya. [Hejnal, J.]; GEYGAL, L. [Hejgal, L.]; FIRT, P.; MIKHAL, V. [Michal, V.]

Surgical treatment of vasorenal hypertension. Khirurgiia 40 no.7:68-75 Jl '64. (MIRA 18:2)

1. Institut klinicheskoy i eksperimental'noy khirurgii (dir. - chlen-korrespondent Chekhoslovatskoy akademii nauk prof. B. Shpachek [Spacek, B.]), Praga.

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BEK, V.; MICHAL, V.

Apropos of the gonadal dosage following irradiation of angioma in children. Importance of dosimetric studies in irradiation with van der Plaat's apparatus. Cesk. rentgen. 18 no.1:11-19 Ja'64.

1. Radiologicka klinika fakulty vseobecneho lekarstvi KU v Praze, (predr sta: prof.dr.V.Svab, DrSc.) a Ustav hygieny prace a chorob z povolani v Praze, (reditel: prof.dr.J. Teissinger, DrSc.). Odbor radiacni hygieny.

*

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, V.; KOCANDRLE, V.

Prevention and therapy of infection in reconstructive operations on the arteries. Rozhl. chir. 42 no.3:181-186 Mr '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr. B. Spacek, DrSc.
(VASCULAR SURGERY) (BLOOD VESSEL TRANSPLANTATION)
(POSTOPERATIVE COMPLICATIONS) (ARTERIES)
(SURGICAL WOUND INFECTION)

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HEJNAL, J.; HEJHAL, L.; FIRT, P.; MICHAL, V.

Diagnosis and surgical treatment of vasorenal hypertension. Rozhl. chir. 42 no.1:44-54 Ja '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr B. Spacek, DrSc.
(HYPERTENSION RENAL) (ANGIOGRAPHY) (RENAL ARTERY OBSTRUCTION) (SPLENIC ARTERY)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

FIRT, P.; MICHAL, V.; HEJNAL, J.; HEJHAL, L.

Contribution to the surgery of aortic iliac occulsions. Rozhl. chir. 42 no.1:17-27 Ja '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr. B. Spacek, DrSc.

(AORTA) (ILIAC ARTERY) (VASCULAR DISEASES)
(VASCULAR SURGERY) (BLOOD VESSEL TRANSPLANTATION)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, V.; HEJNAL, J.; HEJHAL, L.; FIRT, P.

Surgery of the arteries of the extremities. Rozhl. chir. 42 no.1: 8-13 Ja '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr. B. Spacek, DrSc.
(VASCULAR SURGERY) (ARTERIOSCLEROSIS) (EXTREMITIES)
(INTERMITTENT CLAUDICATION)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

HEJHAL, L.; FIRT, P.; MICHAL, V.; HEJNAL, J.

On some problems in contemporary arterial surgery. Rozhl. chir. 42 no.1:3-7 Ja '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr. B. Spacek, DrSc.
(ARTERIES) (VASCULAR SURGERY)

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CZECHOSLOVAKIA

MICHAL, V.

Institute of Work Hygiene and Occupational Diseases (Ustav hygieny prace a chorob z povolani), Prague

Prague, Ceskoslovenska stomatologie, No 3, 1963, pp 203-205

"The Possibility of Reducing X-Ray Dosage in Dental X-Ray Apparatuses."

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, V.; SVOBODA, M.

Radiation dosage in radiophotographic cholecystography. Cesk. rentgen. 16 no.6:414-417 D '62.

1. Ustav hygieny prace a chorob z povolani v Praze, reditel prof. dr. J. Teisinger, DrSc. Ustav hematologie a krevni transfuze v Praze, reditel prof. dr. J. Horejsi, DrSc.

(CHOLECYSTOGRAPHY) (RADIOMETRY)

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MICHAL, V; SVOBODA, M.

Czechoslovakia

Institute of Work Hygiene and Diseases -- Prague (Ústav hygieny práce a chorob z povolání -- Praha); Chief: J. TEISINGER, Prof. Dr; Institute of Hematology and Blood Transfusion -- Prague (Ústav hematologie a krevní transfúze -- Praha); Director: J. HOŘEJŠÍ, Prof. Dr. Dr. Sc. - (for all)

Prague, Rozhledy v tuberkulóse, No 10, 1962, pp 735-739

"Radiation Dosage in Chest Photofluorography with Film Size 100X100 mm."

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, V.; LORIS, J.

A technic for a prolonged intravenous infusion. I. Introduction of a polyethylene tube into the arterial tree. Rozhl.chir.40 no.2-3:155-158 Mr '61.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, reditel prof. MUDr. B. Spacek.

(INFUSION PARENTERAL)

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MICHAL, Vojtech; BENES, Vaclav; KOSEK, Petr

Lowering of the gonad dose in radiography of the hip joint in children. Acta chir.orthop.traum.cech. 27 no.4:n.p. Ag'60.

1. Ortopedicke oddeleni KUNZ Pardubice, prednosta MUDr. Vaclav Benes; Ustav hygieny prace a chorob z povolani v Praze, red. prof.dr. J. Teissinger Rentgenologicke oddeleni KUNA Pardubice, prednosta MUDr. Frantisek Prochazka.

(HIP radiog)
(RADIATION PROTECTION in inf & child)

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MICHAL, Vojtech;SVOBODA, Milan

Study of the surface and gonad-doses in relation to the voltage and the distance from the margin of the field. Ces. rentg. 13 no.5: 321-326 O '59

1. Ustav hygieny prace a chorob z povolani v Praze, reditel prof. dr. J. Teisinger Ustav hematologie a krevni transfuse v Praze, reditel prof. dr. J. Horejsi.

(GONADS radiation eff.)
(RADIATION PROTECTION)

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MICHAL, Vojtech;SVOBODA, Milan

Doses of radiations in routine fluoroscopy and roentgenography.
Cas. rentg. 13 no.5:316-320 O '59.

1. Ustav hygieny prace a chorob z povolani v Praze, reditel prof. dr. J. Teisinger Ustav hematologie a krevni transfuse v Praze, reditel prof. dr. J. Horejsi.
(RADIOMETRY)

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SVOBODA, Milan;MICHAL, Vojtech

Conclusion from the follow-up of radiation doses and their relationship to the use in the current practice. Shall we examine or damage? Ces. rentg. 13 no.5:311-315 O '59

1. Ustav hematologie a krevni transfuse v Praze, reditel prof. dr. J. Horejsi Ustav hygieny prace a chorob z povolani v Praze, reditel prof. dr. J. Teisinger.
(RADIATION PROTECTION)
(RADIOMETRY)

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MUILLER, Jan;MICHAL, Vojtech

On the prevention of injuries during roentgenological examination.
Ces. rentg. 13 no.5:289-300 O '59

1. Ustav hygieny prace a chorob z povolani, Praha.
(RADIATION PROTECTION)

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MICHAL, M.; CERMAK, J.

"Securing of gable walls in the construction of a hotel in Horovice." p. 150

POZEMNI STAVBY. Praha, Czechoslovakia, Vol. 7, No. 3, March, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959
Uncl.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, M.

Notes on the history of ethnological museology in Slovakia. p. 125.
SLOVENSKY NARODOPIS. (Slovenska akademia vied) Bratislava. Vol. 4,
no. 2, 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, M.

"Oscillator unit." p. 295

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 10, Oct., 1955

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclas

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, Korbecki (Warszawa, ul. Chalubinskiego 5.)

Progress of laboratory diagnosis of virus diseases. Postepy hig. med. dosw. 12 no.5:455-466 1958.

1. Zaklad Mikrobiologii Lekarskiej Am.
(VIRUS DISEASES, diagnosis,
review (Pol))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

FIDLER, Josef, promovany chemik; MICHAL, Jan CSc.

Chromatographic separation and determination of rare earth elements. Rudy 11 no.10:Supplement: Prace vyzkumnych ustavu no.5:35-38 O '63.

1. Ustav pro vyzkum rud, Praha.

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compound of copper with Dikupral' in the following media is shown in a table: 0.01 N - 8 N H_2SO_4; 0.001 N - 4 N HCl; 0.01 N - 4 N $HClO_4$; 1 N - 6 N H_3PO_4; 0.05 N, and 0.08 N HNO_3; 5% oxalic acid; 5% tartaric acid. There are 4 figures, 1 table, and 12 references.

ASSOCIATION: Scientific Research Institute of Ores; Charles University, Prague (ČSR)

SUBMITTED: September 20, 1958

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are upsetting. Silver- and mercury(II) ions form colorless compounds with Dikupral', which are more stable than the corresponding copper complex. In the presence of mercury- and silver ions a surplus of the reagent must be added, therefore, for the proof of copper so that the yellow-brown coloring occurs. On the other hand, Dikupral' can be used for the sensitive selective determination of silver or mercury (Refs 5-7). The absorption maximum of the solutions of the copper complex with Dikupral' appears at 435 mμ. The authors worked out the optimum conditions of a quantitative photometric determination of copper with the help of Dikupral'. At the same time, the influence exercised by a great excess of various metal ions on the photometric determination was investigated. It turned out that in many cases the determination of copper in pure metals with contents of only 0.01 % of Cu is possible without separation. The elaboration of optimum conditions for the determination of copper is described in detail. Specifications for the quantitative determination of small amounts of copper in the metals zinc, aluminum, mercury, tungsten, tin, manganese and antimony and also arsenic are given in the paper. The constancy of the coloring of the

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5 (2), 5 (3)

AUTHORS: Michal, Jan, Zýka, Jaroslav SOV/75-14-4-6/30

TITLE: The Determination of Small Amounts of Copper in Metals With the Help of Tetraethylthiuram Disulfide

PERIODICAL: Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 4, pp 422-426 (USSR)

ABSTRACT: Tetraethylthiuram disulfide $(C_2H_5)_2NC(S)\cdot S\cdot S\cdot(S)CN(C_2H_5)_2$ is a very easily accessible compound, which is used as a pharmaceutical preparation and in the rubber industry. It is difficultly soluble in water and better soluble in organic solvents (e.g. in alcohol). Tetraethylthiuram disulfide forms almost colorless crystals with a melting point of 70°. Its alcoholic solution reacts with copper(II) salts in weakly acid solutions to form an intensely yellow-brown compound. The authors propose the name "Dikupral'" for tetraethylthiuram disulfide. The proof of copper with the help of Dikupral' is only upset by salts of univalent mercury and by selenites, which are reduced to the element by the reagent. The sensitivity of the proof of copper is as follows: pD = 5.70 on a drop plate; pD = 5.0 in a microscopical test-tube; pD = 7.18 in an extraction with ether; pD = 6.48 on filter paper. Excess amounts of nitric acid and other strong oxidizing agents

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Michal, J

Distr: 4E2c

27

Determination of iron in blast-furnace iron ores. Jan Michal and Jaroslav Zalud (Ustav pro vyzkum rud, Prague). *Hutnické listy* 13, 639–41(1958).—A rapid method for the detn. of Fe content in blast-furnace iron ores was elaborated. The principle of this method consists of the decompn. of the specimen with $HClO_4$ and H_3PO_4, the reduction of trivalent Fe to bivalent iron with a Ag reductor, and in a final titration with $K_2Cr_2O_7$.

Petr Schneider

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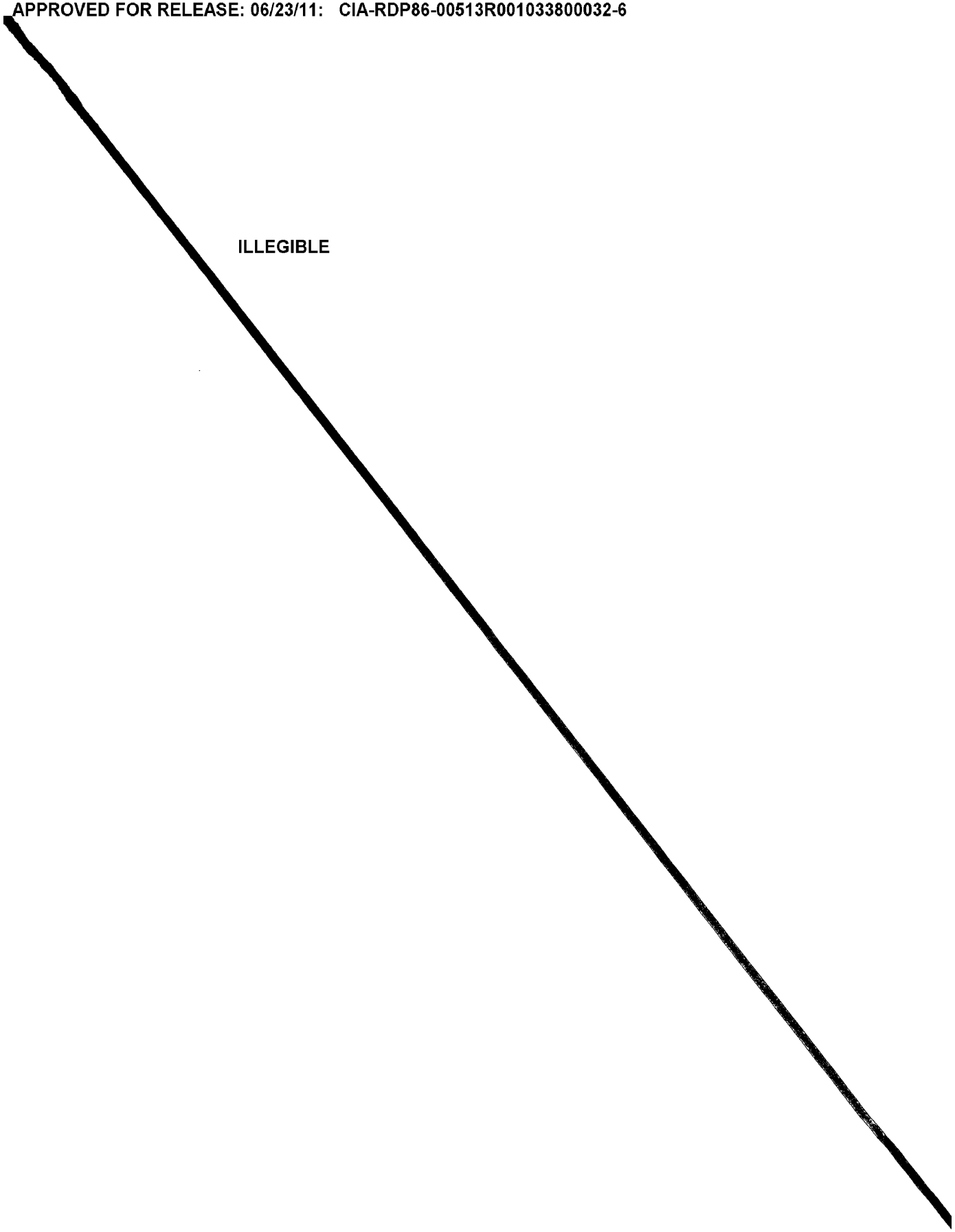

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MICHAL, J.; ZYKA, J.

"Tetraethylthiuram disulfide as an analytic reagent. IV. Photometric determination of mercury and silver. In German."

p. 1135 (Sbornik Chekhoslovatskikh Khimicheskikh Rabot, Vol. 22, no. 4, Aug. 1957, Praha, Czechoslavakia)

Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 8, August 1958

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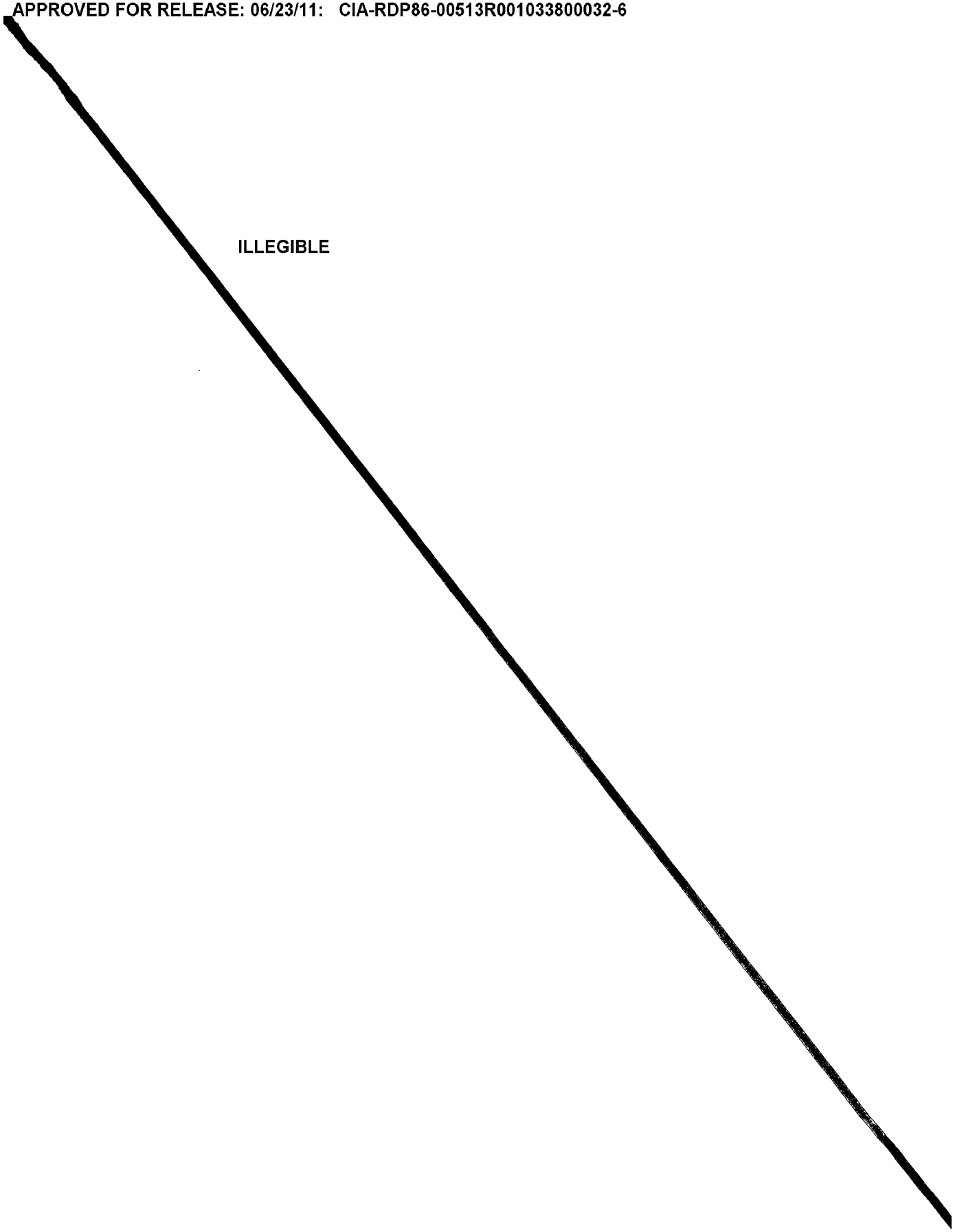

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Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19593

365 mμ/stable in ultraviolet light). Beer's law is satisfied at 50 - 300 γ of Co in 25 ml of the solution. At 400 mμ Beer's law is satisfied at 50 - [illegible] and at 425 mμ by 100 - 1500 γ of Co in 25 ml, but the sensitivity of the measurement is less. 5 ml of 2M solution of en and 5 ml of a 50% solution of NaOH are added to 0.[illegible] - 0.8 mg of the Co salt, and is diluted to 25 ml and shaken. A [illegible] - 200-fold excess of Ag^{+}, Hg^{2+}, Tl^{+}, Bi^{3+}, Cd^{2+}, As^{3+}, Sb^{3+}, Sn^{2+}, Sn^{4+}, Zn^{2+}, Ba^{2+}, Mg^{2+}, K^{+}, Na^{+}, NH_4^{+}, SO_4^{2-}, PO_4^{3-}, $B_4O_7^{2-}$ do not interfere. In presence of Al^{3+}, Zn^{2+} and Pb^{2+} excessive NaOH is added. Ni^{2+} does not interfere in the ratio Co : Ni = 1 : 1. Fe, Mn and Cr produce

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MICHAL, JAN

CZECHOSLOVAKIA/Analysis of Inorganic Substances. G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19593

Author : Jan Michal, Jan Dolezal.
Inst : -
Title : To Question Concerning Photometric Determination of Cobalt.

Orig Pub: Chem. Listy, 1956, 50, No 6, 911 - 915; Sb. Cschkhosl. Khim. Rabot, 1956, 21, No 6, 1413 - 1417.

Abstract: The colorless complex of Co^{2+} with ethylenediamine (en) [illegible] at pH > 6 when exposed to air and turns into the yellow-brown [illegible], the color of which is stable 2 hours. The light absorption curve has two maximums: at 320 mμ (instable in ultraviolet light) and at

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MICHAL JAN

Czechoslovakia/Analytical Chemistry. General Topics. G-1

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 19485.

Author : Jan Michal.
Inst : -
Title : Chromatography of Inorganic Substances. I Chromatographic Separation of Berillium, Uranium and Titanium.

Orig Pub : Chem. Listy, 1956, 50, No 4, 542-546; Sb. Chekhosl. Khim Fabot, 1956, 21, No 5, 1295-1299.

Abstract : The mixture of iso-C_3H_7OH, acetone and concentrated HCl (6:2:2) was used for the separation of Be, U and Ti by the chromatographic method on Watmann's paper No. 1. The substances in the form of solutions of Be and Ti (4+) chlorides and $UO_2(NO_3)_2$ were placed on the paper. After the chromatographic separation the dried paper stripes were sprayed with 1% solution of quercetin in alcohol; the presence of Ti is disclosed by a bright brown spot, and that of Be by a yellow

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MICHAL, JAN

Quercetin as a reagent for the detection of inorganic compounds in paper chromatography. Jan Michal (Ústav výzkumu rud, Prague). *Chem. Listy* [illegible]. 1% aq. soln. of quercetin is a suitable detecting reagent for inorg. cations in paper chromatography, developing mostly a yellow coloration with the following ions: Ag, Hg, Cu, Bi, Sb, Sn, Fe, Al, Ni, Co, Mg, Li, Mo, Be, Ga, In, Pr, Nd, Sm, U, V, W, Ti, La, Th, Zr, AsO_4. M. Hudlický

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MICHAL, JAN

Quercetin as a reagent for the detection of inorganic compounds in paper chromatography. Jan Michal (Ústav výzkumu rud, Prague). *Chem. Listy* [illegible] (1958).—A 1% a.c. soln. of quercetin is a suitable detecting reagent for inorg. cations in paper chromatography, developing mostly a yellow coloration with the following ions: Ag, Hg, Cu, Bi, Sb, Sn, Fe, Al, Ni, Co, Mg, Li, Mo, Be, Ga, In, Pr, Nd, Sn, U, V, W, Ti, La, Th, Zr, AsO_4. M. Hudlický

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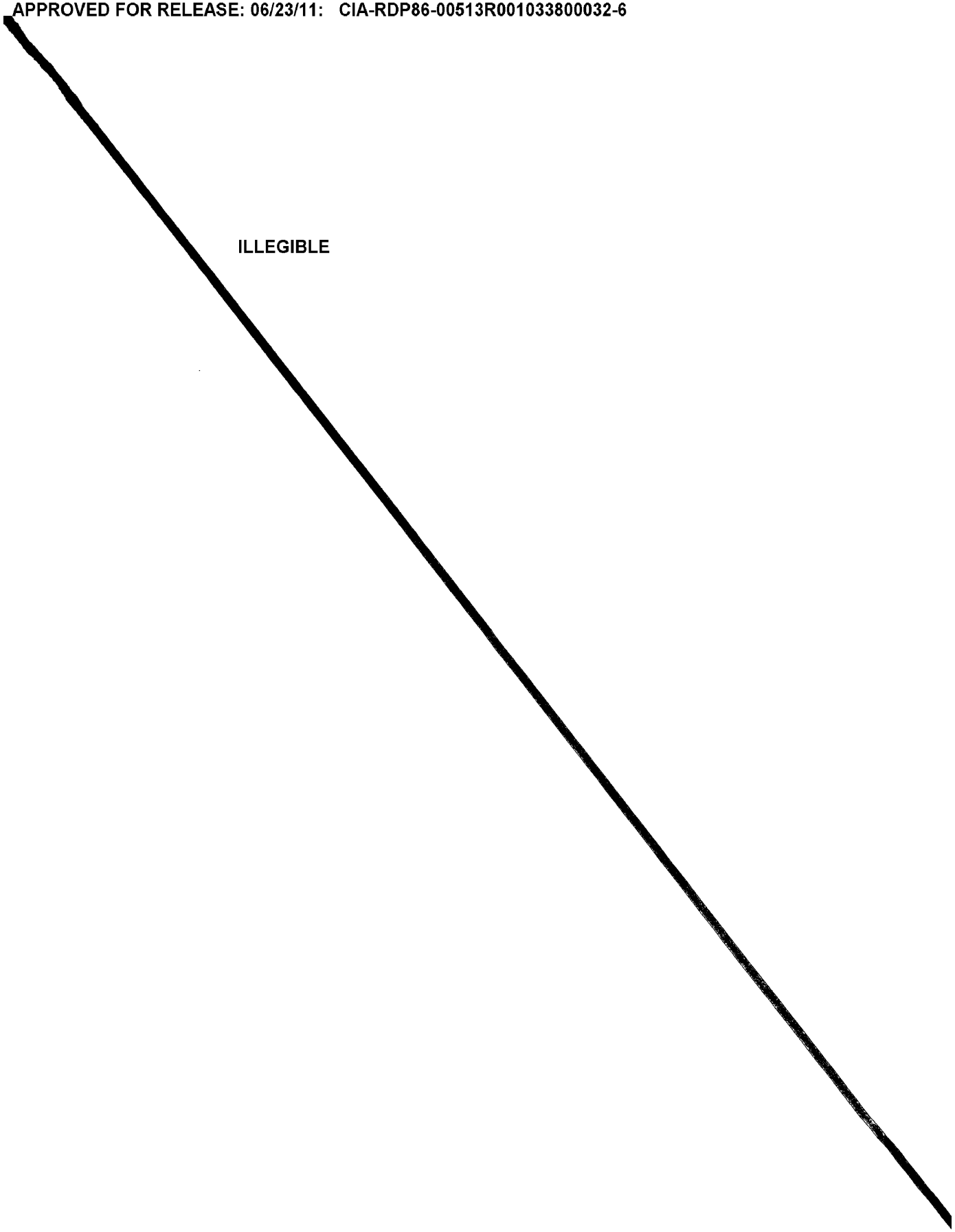

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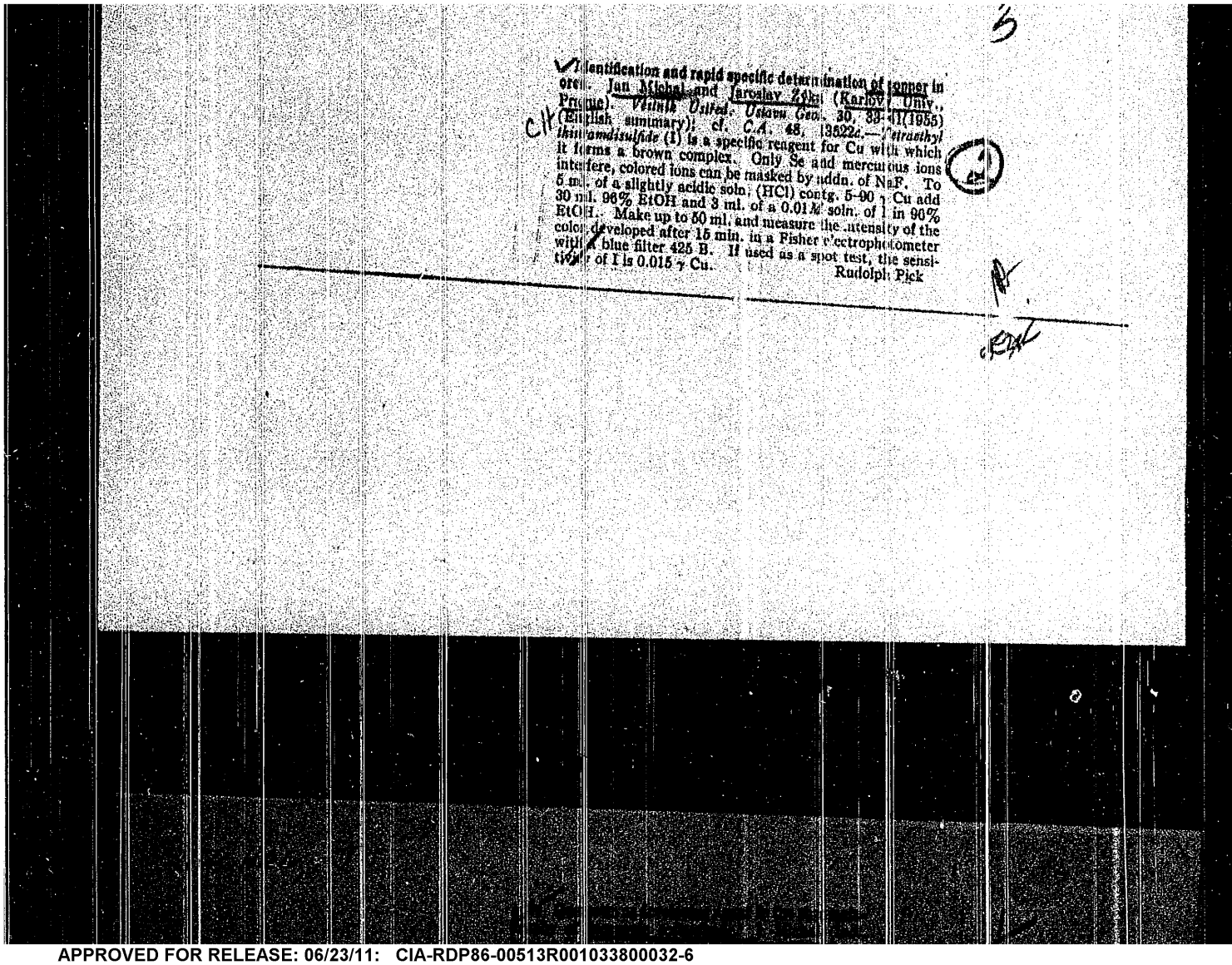

Identification and rapid specific determination of copper in ores. Jan Michal and Jaroslav Zýka (Karlov Univ., Prague). *Věstník Ústřed. Ústavu Geol.* 30, 33-41(1955) (English summary); cf. *C.A.* 48, 13522*a*.—Tetraethyl thiuramdisulfide (I) is a specific reagent for Cu with which it forms a brown complex. Only Se and mercurous ions interfere, colored ions can be masked by addn. of NaF. To 5 ml. of a slightly acidic soln. (HCl) contg. 5-90 γ Cu add 30 ml. 96% EtOH and 3 ml. of a 0.01 *M* soln. of I in 96% EtOH. Make up to 50 ml. and measure the intensity of the color developed after 15 min. in a Fisher electrophotometer with a blue filter 425 B. If used as a spot test, the sensitivity of I is 0.015 γ Cu.

Rudolph Pick

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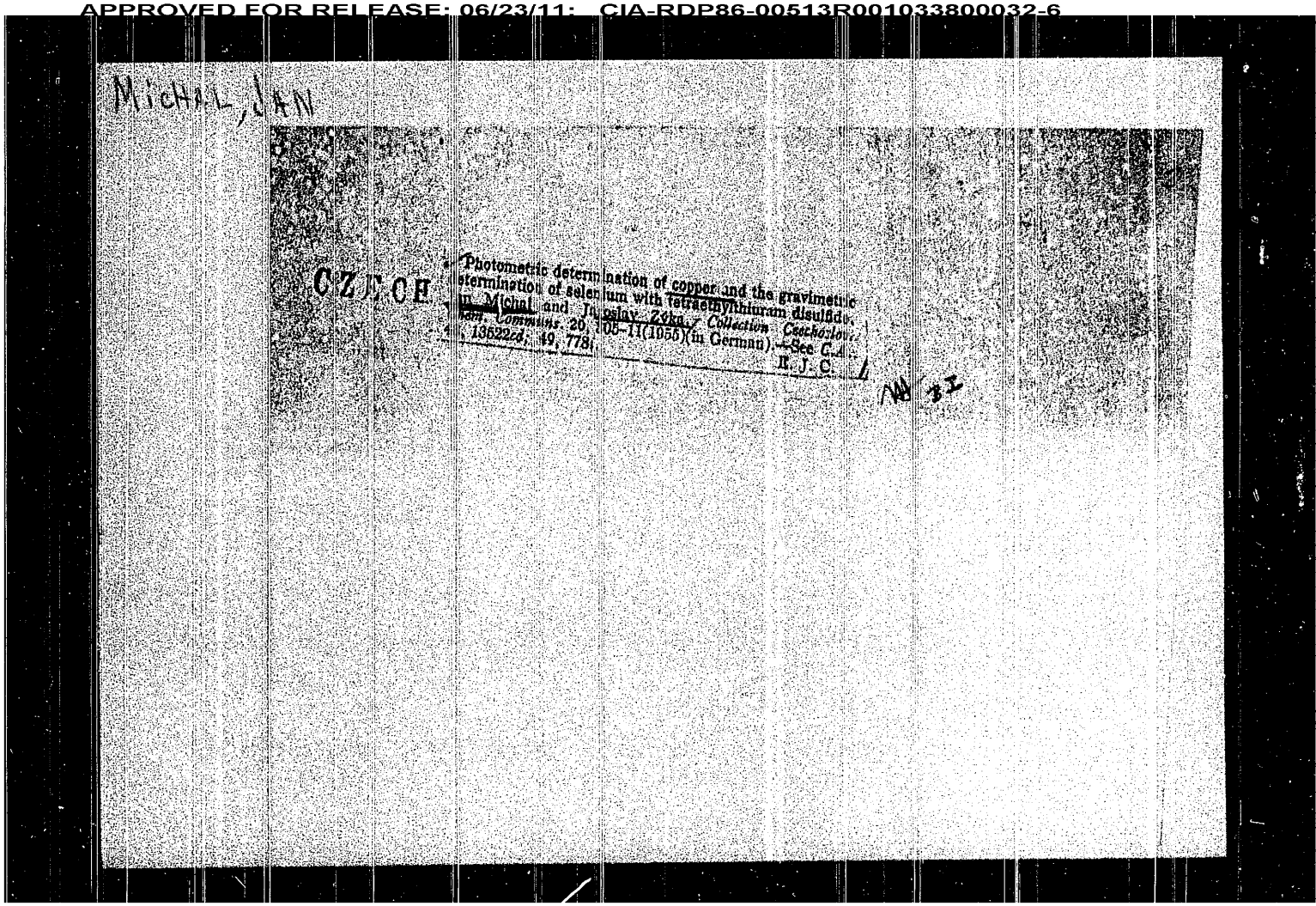
Michal, Jan
CZECH
Photometric determination of copper and the gravimetric
determination of selenium with tetraethylthiuram disulfide.
Michal and Jugoslav Zýka. Collection Czechoslov.
Commuus. 20, 105–11(1955)(in German).—See C.A.
13622d; 49, 778i.
R. J. C.

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MICHAL J

Tetraethylthiuram disulfide as an analytical reagent. III. Gravimetric determination of selenium dioxide. Jan Michal and Jaroslav Zýka. (Karlova Univ., Prague, Czech.) *Talanta* 1, 338–40(1954); cf. *C.A.* 48, 13522e.—Gravimetric detn. of selenites is based on their reduction to Se with an EtOH soln. of tetraethylthiuram disulfide (I). Add 5 ml. concd. HCl to a sample contg. 10–100 mg. Se in 80 ml., dil. with EtOH to 60 ml., heat to boiling, add 10 ml. 0.05*M* I in 96% EtOH, filter the red ppt. of Se with a fritted-glass crucible (G 3), wash with 50% EtOH, finally with 5–10 ml. 96% EtOH, and dry at 100°. M. Hudlický

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MICHAL, J

CZECH

2345. Tetraethylthiuram disulphide as an analytical reagent. II. Photometric determination of copper. J. Michal and Z. Zýka (*Chem. Listy*, 1954, 48, [7], [illegible]).—The basis of the present method for the photometric determination of Cu in the presence of other metals is the formation of an intense yellow-brown coloration, with an absorption max. at 445 mμ, when Cu reacts with tetraethylthiuram disulphide (I). In the presence of Hg^{++} an excess of the reagent should be used, for Hg^{++} also forms a stable, though colourless, complex with I. Coloured cations, if present in high concn., may interfere. The following procedure is recommended for the determination of Cu in the presence of an excess of Fe. Remove all Fe by two precipitations in the hot with aq. NH_3 and filtering, dilute the combined filtrates with water to 100 ml, acidify a 25-ml aliquot with HCl, treat the soln. with 20 per cent. ethanol (20 ml) and a 0·01 *M* ethanolic soln. of I (3 ml), dilute with ethanol to 50 ml and measure the extinction after 20 min.

C. Glasser

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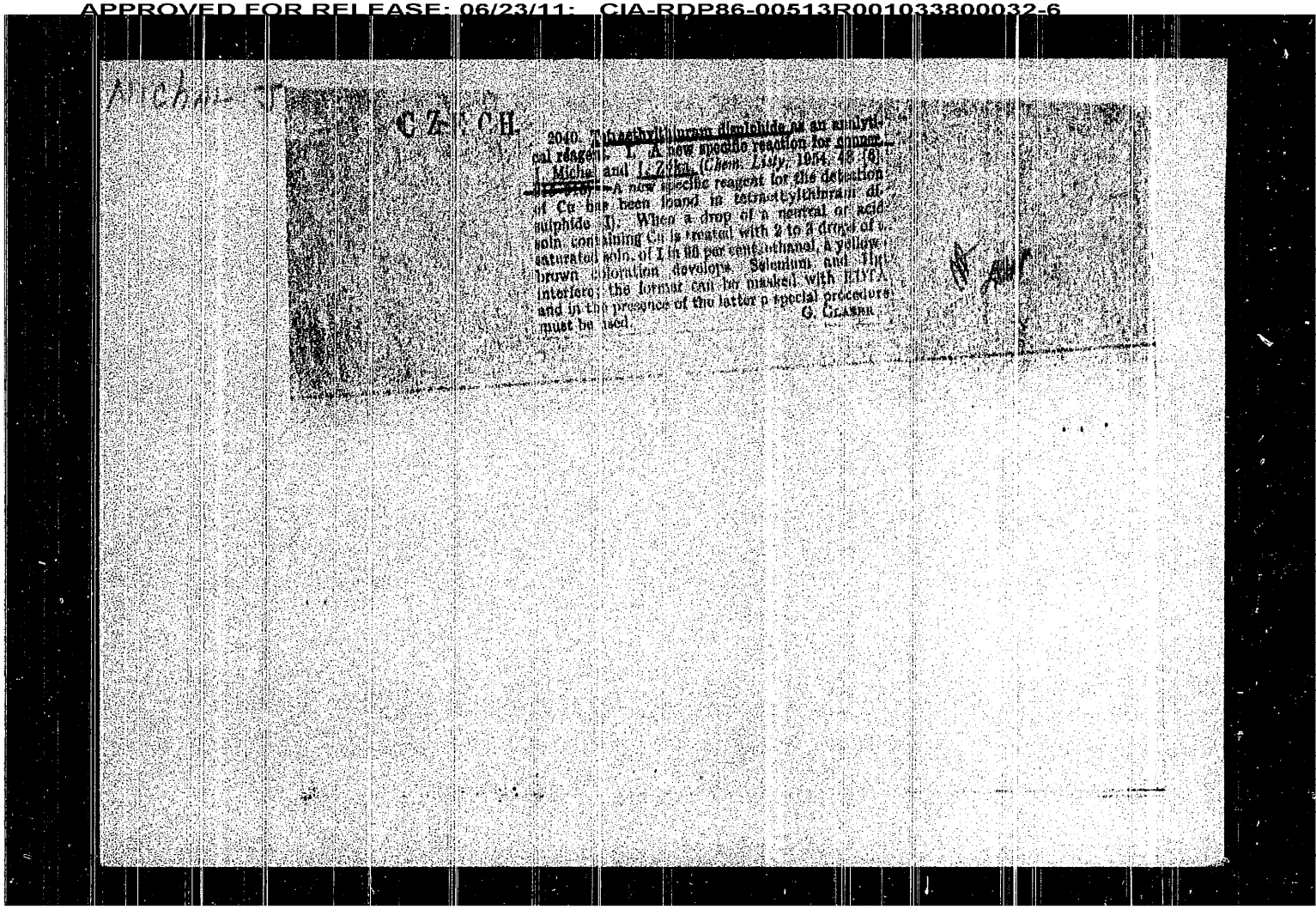

Mi Chim - Ther

C Zr C H

2040. Tetraethylthiuram disulphide as an analytical reagent. L. A new specific reaction for copper. Michie and Lamb. (*Chem. Listy*, 1914, 18 (6), 161–167).—A new specific reagent for the detection of Cu has been found in tetraethylthiuram disulphide (I). When a drop of a neutral or acid soln. containing Cu is treated with 2 to 3 drops of a saturated soln. of I in 50 per cent. ethanol, a yellow-brown coloration develops. Selenium and Hg interfere; the former can be masked with EDTA, and in the presence of the latter a special procedure must be used.

G. Glasser

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MICHAL, J.

9

(3)

New qualitative test for vanadium. R. Přibil and J. Michal (Kárlovo Univ., Prague, Czech.). *Chem. Listy* 48, 621–2(1954).—A new test for V is based on the formation of a red complex of VO_3 with quercetin (I) and Ac_2CH_2. To a soln. contg. V add a 0.5% soln. of I in a mixt. of equal parts Et_2O and Ac_2CH_2; a rose or red color is developed. The test is disturbed by the presence of Fe which can be masked by complexon III. Bi, Sb, Ti, Zr, and UO_2 give yellow colors with I. An acetone soln. of I turns green in the presence of V.

M. Hudlický

10-15-54

mdz

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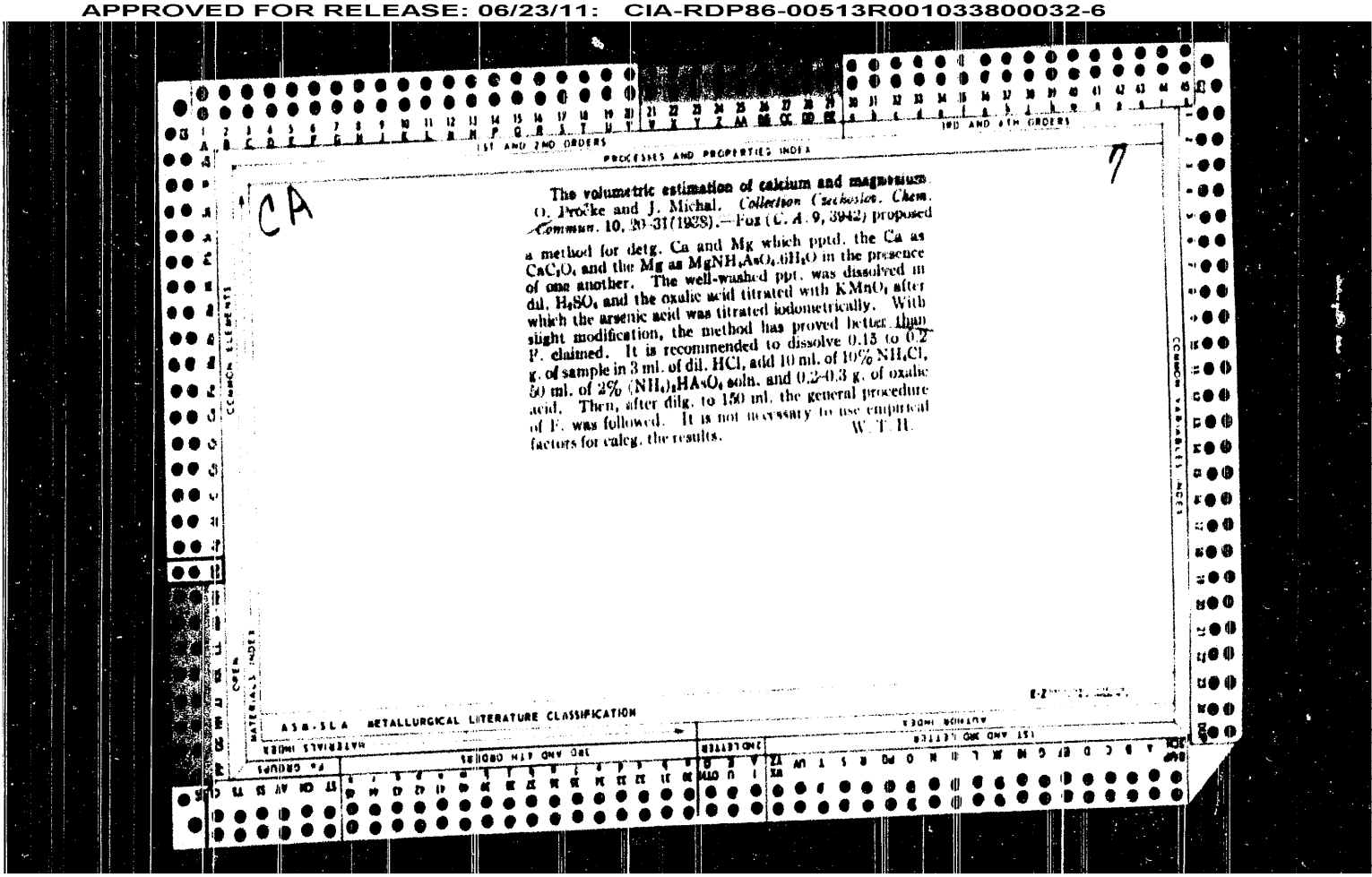

PROCESSES AND PROPERTIES INDEX

CA

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The volumetric estimation of calcium and magnesium. O. Prócke and J. Michal. *Collection Czechoslov. Chem. Commun.* 10, 20-31 (1938).—Fox (*C. A.* 9, 3942) proposed a method for detg. Ca and Mg which ppts. the Ca as CaC_2O_4 and the Mg as $MgNH_4AsO_4.6H_2O$ in the presence of one another. The well-washed ppt. was dissolved in dil. H_2SO_4 and the oxalic acid titrated with $KMnO_4$ after which the arsenic acid was titrated iodometrically. With slight modification, the method has proved better than claimed. It is recommended to dissolve 0.15 to 0.2 g. of sample in 3 ml. of dil. HCl, add 10 ml. of 10% NH_4Cl, 50 ml. of 2% $(NH_4)_2HAsO_4$ soln. and 0.2-0.3 g. of oxalic acid. Then, after dilg. to 150 ml. the general procedure of F. was followed. It is not necessary to use empirical factors for calcg. the results. W. T. H.

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MICHAL, Igor, inz.

Structure and increment of natural stands on the Polana Massif depend on the forest type groups. Les cas 11 no.2:127-148 F '65.

1. Institute of Economic Development of Forest, Zvolen. Submitted March 30, 1962.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, Igor, inz.

Possibility of growing trees at the Krivan Forest Enterprize in the light of typological research. Les cas 9 no.8:705-726 Ag '63.

1. Ustav pre hospodarsku upravu lesov, Zvolen.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, F.V.

On Behcet's disease. Cesk. oftal. 21 no.4:343-347 [illegible].

1. Oční oddělení nemocnice na Bulovce, klinika nadřízená Ústavu dětského lékařství v Praze (přednosta doc. dr. F. V. Michal).

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

SYNEK, V.; MICHAL, F.

Importance of the EEG in the diagnosis of puerperal venous cerebral obstructions. Plzen. lek. sborn. 24:103-108 '64

1. Neurologicka klinika University Karlovy v Plzni (prednostka: Doc. dr. E. Klimkova-Deutschova, CSc.).

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MICHAL, F.V.

Introduction to the discussion on the article "Definition of blindness". Cesk. oftal. 20 no.2:146-147 Mr '64.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, F.V.

Studies on new and suitable types of occupations for the blind. Cesk. oftal. 18 no.2:150-160 Mr '62.

1. Ocni oddeleni nemocnice na Bulovce, klinicka zakladna Ustavu pro doskolovani lekarsku v Praze, prednosta doc. MUDr. F.V.Michal.
(BLIND rehabil) (OCCUPATIONS AND PROFESSIONS)

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MICHAL, F. V.; ONDRACEK, J.

On changes in the amplitude of b waves in circulatory disorders in the venous vascular system of the retina. Cesk. ofth. 17 no.4/5:340-345 Jl '61.

1. Ocni oddeleni nemocnice na Bulovce, klinicka zakladna Ustavu pro doskolovani lekaru v Praze, prednosta doc. dr. F. V. Michal.

(RETINA blood supply)
(ELECTRORETINOGRAPHY physiol)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, F. V.; NEBUDOVA, J.

On the problem of uveomeningitis. Cesk. ofth. 17 no.4/5:299-301 Jl '61.

1. Ocni oddeleni nemocnice na Bulovce, klinicka zakladna Ustavu pro doskolovani lekaru, prednosta doc. dr. F. V. Michal Neurologicka klinika hygienicke a epidemiologicke fakulty, Praha 10-Vinohrady, prednosta doc. dr. Z. Macek.

(UVEA diseases) (MENINGITIS case reports)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, F.V., doc., dr.

Light and eye hygiene. Energetika Cz 11 nc.12:622-624 D '61.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, F.V.

On the experiences with glass implants after bulbar enucleation.
Cas. lek. cesk. 99 no.28:870-874 8 Jl '60.

1. Ocni oddeleni nemocnice na Bulovce, klinicke zakladny Ustavu pro doskolovani lekaru v Praze, prednosta doc. dr. F.V. Michal.
(EYE ARTIFICIAL)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

ZELENY, A.;MICHAL, F.

Certain parameters of central irritability during physical work.
Cesk. fysiol. 9 no.1:71-72 Ja 60.

1. Fysiologicky ustav lek. fak. KU, Plzen.
(EXERTION)
(CENTRAL NERVOUS SYSTEM physiol.)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, F.V., Doc. Dr.

Modern role of ophthalmology in industrial health care. Pracovni lek. 11 no.1-2:108-109 Feb 59.

1. Vedouci katedry oftalmologie Ustavu pro doskolovani lekaru.
(INDUSTRIAL HYGIENE,
ophthalmol. serv. (Cz))
(OPHTHALMOLOGY,
in indust. hyg. (Cz))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, Frantisek, V.

The problem of accomodation, its examination and evaluation of results in work with fluorescent light. Cesk. ofth 14 no.2:108-116 Apr 58.

1. Ocni oddeleni nemocnice na Bulovec, klinika zakladna Ustavu pro oskolovani lekaru, prednosta doc. Dr. F. V. Michal.
(ACCOMMODATION, OCUIAR, physiology
exper. studies (Cz))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

[redacted]HAL, F.V., Doc. Mudr.

Progress of ophthalmology in Czechoslovakia. Cesk. zdravot. 6 no.5: 205-212 May 58.

1. vedouci katedry ocniho lekarstvi Ustavu pro doskolovani lekaru.
(OPHTHALMOLOGY
in Czech., progr. (Cz))

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MICHAL, Frantisek, V.

Visual disorders caused by neon light. Cas. lek. cesk. 94 no.32: 873-876 29 July 55.

1. Z ocniho oddeleni nemocnice na Bulovce, klinicke zadladny Ustavu pro doskolovani lekaru. Prednosta doc. Dr. F. V. Michal.

(ILLUMINATION
fluorescent, causing vision disord.)

(VISION
disord. caused by fluorescent illumination.)

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MICHAL, F. Doc.MUDr; DOMBRADY, L. MUDr

Epithesis in extensive facial defects. Cesk.stomat. no.4-5: 160-165 Jl '55.

1. Predn.ochního oddel.nemocnice na Bulovce,(for Michal). 2. Z II stomatologicke kliniky KU v Praze, predn. prof. dr. F. Neuw irt. Ing. arch. V.Sedivy(for Dombrady)
(FACE, surgery, plastic)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAL, Frantisek V., Doc. Dr.

Eye tiredness. Cesk. opht. 10 no.6:362-367 Dec 54.

1. Z Ustavu pro doskolovani lekaru - ocni oddeleni nemocnice na Bulovce - prednosta doc. Dr. F.V.Michal
(EYE, diseases
tiredness)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

S/169/62/000/005/008/093
D228/D307

AUTHOR: Michal, Emanuel

TITLE: The question of a single graphic designation of seismic quantities on maps

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1962, 18, abstract 5A126 (Geofys. sb., no. 126-145, 1960 (1961), 401-418)

TEXT: The absence of standardization for the signs of seismic quantities and types of maps gives rise to difficulties in the comparison and the study of different seismic data. The author suggests a simple graphic method of depicting the local intensity on seismic maps by means of symbolic signs. [Abstracter's note: Complete translation.]

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MICHAL, E.

Plan for protection of the Vltava basin between Prague and Slapy. p. 137.
OCHRANA PRIRODY. (Ministerstvo kultury. Statni pece o ochranu prirody) Praha.
Vol. 11, no. 5, June 1956.

SOURCE: EEAL - LC Vol. 5 No. 10 Oct. 1956

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L 34447-66 T JK

ACC NR: AP6026207 (A) SOURCE CODE: PO/0071/65/000/009/0517/0520

AUTHOR: Bubien, Zenon--Buben', Z. (Wroclaw); Wartenberg, Lech--Vartenberg, L. 23 13

ORG: Section of Toxicology/headed by Docent, Doctor Michal Bohosiewicz/, Department of Pharmacology/headed by Docent, Doctor Tadeusz Garbulinski/, Veterinary Faculty, WSR, Wroclaw (Zaklad Toksykologii, Katedra Farmakologii Wydz. Wet. WSR); Department of Hygiene of Animal Products/headed by Professor, Doctor Leslaw Ogielski/, Veterinary Faculty, College of Agriculture, Wroclaw (Katedra Higieny Produktow Zwierzecych Wydzialu Weterynaryjnego Wyzszej Szkoly Rolniczej)

TITLE: Toxicity of stale fish oils

SOURCE: Medycyna weterynaryjna, no. 9, 1965, 517-520

TOPIC TAGS: toxicity, food, vitamin, processed animal product

ABSTRACT: Basing themselves on archival materials of the Toxicity Institute, Chair of Pharmacology, Veterinary Faculty, College of Agriculture, Wroclaw, the authors made causal analysis and description of several cases of intoxication with stale fish oils. The intoxications particularly affected young animals, mainly silver fox, minks, pigs and chickens. Morbidities, and often deaths, were usually caused by serving stale fish oils. Stale fish oils administered for a longer period of time in excessive doses appeared to be particularly dangerous. In the sick animals the symptoms were observed mainly in the alimentary canal, and dissection revealed degeneration changes of liver, more rarely of other parenchymatous organs. In the further part of this work there is described the method of sampling fish oils for laboratory examinations. Orig. art. has: 1 table. [Based on authors' Eng. abst.] [JPRS: 33,500]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 010 / OTH REF: 006

Card 1/1

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MARCINEK, Jerzy; MICHALUK, Leon

Studies on the chemical composition of the organic matter and humus compounds of peat soils. Prace nauk rolo i leśn 24 c., 283-303 '64.

1. Department of Soil Science, College of Agriculture, Poznań.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAJLUK, Leon

On the synthetic and natural humin acids, their structure and chemical properties. Pt.1. General observations. Organic substances of plant and animal origin as basical for the structure of humin acids. Prace nauk roln i lesn 11 no.1:89-139 '62.

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POLAND

MICHAJLOW, Wlodzimierz, Prof. Dr.

Head, Dept. of Parasitology, Polish Academy of Sciences (Zaklad Parazytologii PAN), Warsaw

Warsaw, Acta parasitologica polonica, Fasc. 30, Sept 1965, pp 313-320

"Cyclopidae (Copepoda) as hosts of parasitic Euglenoidina."

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MICHAJLOW, W.

Naupliicola necans g.n., sp.n. and Naupliicola truncans sp.n. (Euglenoidina) -- Parasites of copepod larval forms. Bull. acad. Pol. sci. [Biol.] 13 no.4:235-242 '65.

1. Submitted January 29, 1965.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAJLOW, Wlodzimierz

Certain problems of evolution and ecology of the melanophology of fish and amphibians. Kosmos biol 14 no.1:45-50 '65.

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MICHAJLOW, W.

Astasia ovorum n. sp. (Euglenoidina) -- parasite of copepod eggs from the Environ of Tihany (Hungary). Bull. acad. Pol. sci. [Biol.] 13 no.1:29-31 '65.

Anisonema parasiticum n. sp. (Euglenoidina, Anisonemidae) -- parasite of copepod eggs in the small Balaton Lake (Hungary). Ibid.:33-36.

1. Submitted on October 9, 1964.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAJLOW, Wlodzimierz

Comparative studies on the developmental cycles of some species from the genus Astasia (Euglenoidina parasitica). Wiad. parazyt. 11 no.1:227-236 '65.

1. Zaklad Parazytologii Polskiej Akademii Nauk, Warszawa.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAJLOW, Wlodzimierz

Review of scientific advances in Polish parasitology during 1961-1964. Wiad. parazyt. 11 no.1:22-46 '65.

1. Zaklad Parazytologii Polskiej Akademii Nauk, Warszawa.

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GUTTOWA, Alicja; MICHAJLOW, Wlodzimierz

Experimental infection of Copepoda from water bodies in Hanoi (Vietnam) with the larvae of Triaenophorus nodulosus (Cestoda) from the Masurian Lakes (Poland). Acta parasit Pol 12 no.30/39: 357-362 '64.

1. Institute of Parasitology of the Polish Academy of Sciences, Warsaw.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800032-6

MICHAJLOW, Wlodzimierz

Astasia norvegica sp.n. (Flagellata), parasite of some species of Cyclopoida (Copepoda) in Norway. Acta parasit Pol 12 no.30/39:339-355 '64.

1. Institute of Parasitology of the Polish Academy of Sciences, Warsaw.

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MICHAJLOW, Aleksander, prof. d.

A few remarks on [illegible]

[illegible]

1. Deputy Minister of Higher Education, Chairman of the [illegible] of Polish Academy of Sciences, [illegible] of the Polish Academy of Sciences, Warsaw.

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1. Czlonek korespondent Polskiej Akademii Nauk, kierownik Zakladu Parazytologii, Polskiej Akademii Nauk, Warszawa.

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The Parasitological Institute of the Polish Academy of Sciences.
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Professor Teodor Marchlewski, July 12, 1899 - January 27, 1962.
Kosmos biol 11 no.3:259-264 '62.

1. Ministerstwo Szkolnictwa Wyzszego i Ministerstwo Rolnictwa, Warszawa (for Michajlow). 2. Prezydium Polskiej Akademii Nauk, Polska Akademia Nauk, Krakow i Wydzial Nauk Biologicznych PAN, Krakow (for Stefanski).

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[illegible] GRABIEC, A. GUTOWA and K. MICHALSKA, Institute of Parasitology, Polish Academy of Sciences (Zakład Parazytologiczny PAN [Polska Akademia Nauk].)

"New Data on the Cellular Envelope of the Coracidium of Triaenophorus nodulosus (Pall.) (Cestoda, Pseudophyllidea.)"

Warsaw, Bulletin de l'Academie Polonaise des Sciences, Serie des Sciences Biologiques, Vol 10, No 10, 1962; pp 439-441.

[Abstract [English article]: Detailed dimensional data; orientation in electric field of coracidium at various times after hatching; presence of phospholipids (energy source for ciliary movement?); and polysaccharides. Two microphotographs, 13 references.

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1. Onkologisches Forschungsinstitut, Sofia, Bulgarien.
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